

Reflective Cracking Construction Notes

Date: January 23, 2015

Project: Reflective Cracking Indoor Phase IV

Weather:

	6:54 AM	3:54 PM
Temperature (°F):	19.0	37.0
Dew Point (°F):	17.1	27.0
Humidity (%):	92	67
Visibility (Miles):	7.0	10.0
Wind (MPH):	Calm	8.1 SSW
Conditions:	Clear	Clear

Working Hours: 7:00 AM – 4:30 PM

Sub-Contractor(s): ARA, SVT

Personnel: (1) technician (ARA), (1) engineer (SVT)

Equipment: Hand tools

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SRA and ARA personnel continued installing the surface strain gauges. Adhesive was applied to the outer side surfaces of the North and South test items within the environmental chamber. The gauges were then affixed to the surfaces and held in place by steel plates that were braced via horizontal wood braces acting against the reflective cracking rig framework. This temporary bracing will be left in place until the adhesive cures. The installed gauges are shown in Figure 1 and bracing is shown in figure 2.



Figure 1. Strain Gauges Installed.



(a)



(b)

Figure 2. Temporary Support Bracing of Gauges.